

LISTING OF CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application.

1. (Currently Amended) Process to produce a composition ~~containing~~ comprising 5'-ribonucleotides, the process comprising:
 - a) subjecting a microorganism comprising RNA to autolysis under conditions at which ~~a substantial part at least 50%~~ of the RNA remains in a form degradable into 5'-ribonucleotides and at which ~~a substantial part at least 20%~~ of the RNA remains associated with the cell wall fraction;
 - b) subjecting the autolysate to solid/liquid separation and recovering the RNA-containing cell wall fraction;
 - c) converting the RNA in the recovered RNA-containing cell wall fraction into 5'-ribonucleotides.
2. (Currently Amended) Process according to claim 1, comprising:
 - d) separating the fraction ~~containing~~ comprising 5'-ribonucleotides from the cell wall fraction.
3. (Currently Amended) Process according to claim 1, wherein autolysis in a) is initiated by at least one of: i) damaging the microbial cell walls; and/or ii) partially disrupting the microbial cell walls.
4. (Currently Amended) Process according to claim 3, wherein damaging the microbial cell walls, and/or partially disrupting the microbial cell walls, or both is performed enzymatically.
- 5-6. (Cancelled)
7. (Previously Presented) Process according to claim 1, wherein in b) the RNA-containing cell wall fraction is recovered by centrifugation or filtration.

8. (Previously Presented) Process according to claim 1, wherein in b) the autolysate is subjected to ultrafiltration whereby a mixture of RNA-containing cell wall fraction and RNA derived from the microbial soluble fraction is recovered.
9. (Original) Process according to claim 8, wherein in c) the RNA in the recovered mixture of RNA-containing cell wall fraction and recovered RNA derived from the microbial soluble fraction are converted into 5'-ribonucleotides.
10. (Previously Presented) Process according to claim 1, wherein in c) the RNA is enzymatically converted into 5'-ribonucleotides by 5'-phosphodiesterase or by 5'-phosphodiesterase and deaminase.
- 11-18. (Cancelled)
19. (Currently Amended) Process according to claim[[5]]1, wherein in a) at least 60% of the RNA remains in a form degradable into 5'-ribonucleotides.
20. (Currently Amended) Process according to claim[[5]]1, wherein in a) at least 70% of the RNA remains in a form degradable into 5'-ribonucleotides.
21. (Currently Amended) Process according to claim[[6]]1, wherein in a) at least 30% of the RNA remains associated with the cell wall fraction.
22. (Currently Amended) Process according to claim[[6]]1, wherein in a) at least 40% of the RNA remains associated with the cell wall fraction.